## IN THE SNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of:

Peter REYNDERS et al.

Serial No.: 10/533,641

Group Art Unit: Unknown

Filed: May 3, 2005

Examiner: Unknown

For: MICROSTRUCTURED EFFECT PIGMENTS

## INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR §§ 1.56, 1.97 and 1.98

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

This information disclosure statement is made in accordance with 37 C.F.R. §§ 1.56, 1.97 and 1.98 as follows:

## **Timing and Fees**

$\boxtimes$	Under 37 C.F.R. § 1.97(b), no fee or statement is required for filing this informat disclosure statement is filed:		
		within three months of the filing date of a national application other than a CPA under § 1.53(d);	
		within three months of the actual filing date of the national phase of a PCT application; OR	
	$\boxtimes$	before the mailing of a first substantive office action (including after filing of an RCE).	
		37 C.F.R. § 1.97(c), this information disclosure statement is filed after the periods fied in 37 C.F.R. § 1.97(b), but before the mailing date of:	
		a final rejection under 37 C.F.R. 1.113; termination of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2); OR a notice of allowance under 37 C.F.R. § 1.311; and	

		is acco	ompanied by:
			the statement as specified in 37 C.F.R. § 1.97(e) set out below; OR
			a check covering the fee of \$180.00 under 37 C.F.R. § 1.17(p).
			R. § 1.97(d), this information disclosure statement is filed after the mailing lowing actions which have not been withdrawn:
		a final	action under 37 C.F.R. § 1.113;
		termin	ation of prosecution, e.g. Ex Parte Quayle, M.P.E.P § 609(B)(2);
		OR a r	notice of allowance under 37 C.F.R. § 1.311;
	AND i	is filed	on or before payment of the issue fee; AND is accompanied by:
			tement as specified in 37 C.F.R. § 1.97(e) as set forth below, and the fee of 00 under 37 C.F.R. § 1.17(p).
Staten	nents Ur	nder 37	C.F.R. 1.97(e)
			Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application having a mailing date not more than three months prior to the filing date of this information disclosure statement; or
			No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application, and to the knowledge of the undersigned attorney after making reasonable inquiry, no item of information contained in this information disclosure statement was known to any individual designated in 37 C.F.R. § 1.56(c) more than three months prior to the filing date of the information disclosure statement.
Cited ]	<u>Materia</u>	<u>ls</u>	
		ancest	s of materials listed but not attached were cited in benefit (35 U.S.C. § 120) or application Serial No, on Form 892 by the Examiner and/or Form by the applicant; see 37 C.F.R. § 1.98(d).
		_	s of materials listed but not attached were cited in an international search dated
		Not re	quired by 37 CFR § 1.98.
		Copies	s of the materials listed are attached (except for the foregoing).

Non-Englis	1 Language References
	An English-language search report or equivalent paper from a foreign patent office is provided indicating the relevance of the cited reference(s).
	A foreign-language search report from a foreign patent office is provided, and pertinent parts are translated substantively below:
	<ul> <li>X = document of particular relevance when it is taken alone</li> <li>Y = document of particular relevance when it is combined with another such document</li> </ul>
	A = document defining the general state of the art O = non-written disclosure
	P = intercalated document
	T = document cited to understand the theory or principle underlying the invention
	E = patent document which has the benefit of a date earlier than the filing date and which was published only on or after this filing date
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Payment of	Fees Due (If Any):
A ch	eck for \$ covering the fee identified above is attached.
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The Commissioner is hereby authorized to charge or credit any overpayment to Deposit Account #13-3402, two copies of this paper are attached for this purpose.

Respectfully submitted,

Anthony J. Zeland, Reg. No. 27,969

Attorney for Applicants

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Attorney Docket No.: MERCK-3007

Date: July 15, 2005

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## INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Sheet of 2

Complete if Known		
Application Number	10/533,641	
Filing Date	May 3, 2005	
First Named Inventor	Peter REYNDERS et al.	
Group Art Unit	Unknown	
Examiner Name	Unknown	
Attorney Docket Number	MERCK-3007	

U.S. PATENT DOCUMENTS						
Examiner Initials *	Cite No.1	U.S. Patent Docum	nent Kind Code <sup>2</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document  MM-DD-YYYY	
	1	6,261,469		ZAKHIDOV et al.	07-17-2001	
	2	5,464,690		BOSWELL et al.	11-07-1995	
	3	6,168,100		KATO et al.	01-02-2001	
	4	4,911,903		UNGER et al.	03-27-1990	
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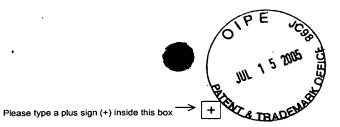
			oreign Patent Docum	nent	N PATENT DOCUMENTS		Pages, Columns, Lines,	
Examiner Initials*	Cite No.1	Office <sup>3</sup>	Number⁴	Kind Code <sup>5</sup> (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Where Relevant Passages or Relevant Figures Appear	T⁵
	5	EP	0216278		UNGER et al.	04-01-1987		4
	6	EP	0952009		YAMAMURA et al.	10-27-1999		
	7	wo	93/23481		MEIKKA et al.	11-25-1993		
	8	wo	99/35194		COULTER et al.	07-15-1999		

Examiner Signature	Date Considered	

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<sup>&</sup>lt;sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached. Number refers to English language corresponding family member.



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Substitute for form 1449A/PTO Complete if Known Application Number 10/533,641 INFORMATION DISCLOSURE Filing Date May 3, 2005 STATEMENT BY APPLICANT First Named Inventor Peter REYNDERS et al. Group Art Unit Unknown (use as many sheets as necessary) **Examiner Name** Unknown 2 of Attorney Docket Number MERCK-3007 Sheet

: NG 1	Cere 2	NON PATENT LITERATURE DOCUMENTS	
Examiner Initials *	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T 2
	9	VAN DUFFEL ET AL., "Langmuir-Blodgett deposition and optical diffraction of two-dimensional opal," J. Mater. Chem., 2001, vol. 11, pages 3333-3336.	
	10	BLASI ET AL., "Periodic surface-relief structures on large areas for optical applications," pages 522-525.	
	11	BURMEISTER ET AL., "Mit kapillarkraften zu nanostrukturen," Physik. Blatter, 2000, vol. 56, no. 4, pages 49-51.	
		·	

Examiner	I Date
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Signature	Considered

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